

Chief, Industrial Division, ORR

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Chief, Aircraft Branch, D/I

Procurement of Soviet Transport Aircraft

1. The present operational and prototype Soviet transports are as follows: Cab (Li-2), Colt (An-2), Creek (Yak-12), Coach (Il-12), Crate (Il-14), Camel (Tu-104), Camp (An-8), Cat (An-10), Coot (Il-18), Cooker (Tu-110), Cleet (Tu-114), Tu-114D, and Clod (An-14). The last seven of these aircraft are in the prototype stage. These aircraft with the probable exception of Camp, Cooker, Cleet and the Tu-114D would possibly be available for procurement.

2. Possession of any of the current Soviet transports would allow investigation of Soviet production techniques, the performance and characteristics of these aircrafts, [REDACTED]

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The obsolete piston-engine types (Cab, Colt, Creek, Coach, and Crate) would advance our knowledge of actual hardware, but they would not significantly improve the present estimates because considerable [REDACTED] about these types is available.

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Acquisition of Camel would allow refinements of estimates, but, here again, the refinements would be small because of the [REDACTED]

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[REDACTED] available. Because of its type, acquisition of Clod would not add significant information. Possession of any of the other aircraft, however, would be of considerable assistance in improving our estimates. The following paragraphs discuss each of these aircraft:

a. CLEAT - Acquisition desirable - Possibility of acquisition uncertain. Tu-114D - Acquisition highly desirable - Possibility of acquisition uncertain. These two aircraft are taken together because of their background similarities. Both are related to BEAR; CLEAT is derived from it and the Tu-114D is modified from it. Little information is available about either. The most important feature of acquisition of these aircraft is their implication on the estimates for BEAR. Neither appears to be well suited for long-range, competitive, commercial air travel. Both exemplify certain advancements which should be known to the U. S. These aircraft are in the commercial class of the U. S. Boeing 707 and Douglas DC-8; however, they are not as advanced technically.

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b. CAMP - Acquisition highly desirable. Possibility of acquisition extremely doubtful. Probably less is known about CAMP than any other Soviet transport. Acquisition would allow accurate evaluations. There is no direct American counterpart for CAMP. The YC-134 is the nearest thing to it.

c. CAT - Acquisition highly desirable - Possibility of acquisition probably good. This aircraft would be best compared to a civil version of the USAF C-130. Its acquisition is desirable because it would provide one of the latest Soviet transports.

d. GOOT - Acquisition highly desirable - Possibility of acquisition probably good. This aircraft will probably be Soviet competition in Electra-Vanguard class. From what is known GOOT is a good aircraft and could cost Western manufacturers some sales. The design group is led by S. V. Ilyushin, one of the Soviet's foremost designers, and acquisition of this aircraft should indicate sophistication of Soviet design and production.

e. COOKER - Acquisition highly desirable - Possibility of acquisition doubtful. Almost the whole value of this aircraft is in the engines. The remainder of the aircraft is essentially identical to CAMEL. It is probable that only one COOKER has been produced and it is doubtful that it will be produced in quantity. There is no American counterpart. The British COMET is the most similar Western aircraft.

3. The following list ranks the desirability of acquisition of Soviet transport aircraft in the opinion of I/AR and AFCIN-4F2C:

<u>Rank</u>	<u>I/AR</u>	<u>AFCIN-4F2C</u>
1	Cleat or Tu-114D	Cleat or Tu-114D
2	Camp	Camp
3	Cat	Cooker
4	Goot	Cat
5	Cooke:	Coot
6	Camel	Camel
7	Grate	Grate
8	Clod	Clod
9	Coach	Coach
10	Colt	Colt
11	Creek	Creek
12	Cab	Cab

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4. The following list gives the Western aircraft which might be considered for trading for the Soviet aircraft:

<u>Soviet Aircraft</u>	<u>Western Aircraft</u>
Cleat or Tu-114D	C-133, Boeing 707, or Douglas DC-8
Camper	YC-134
Cat	C-130
Coot	Lockheed Electra
Cooker	Comet III
Camel	Comet II
Crate	C-131
Clod	L-27
Coach	Convair 440
Colt	C-45
Creek	L-20
Cab	C-47

5. ATIC BRI TIC 195 covers the current formal ATIC requirements for Soviet transport aircraft.

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[REDACTED]